

## TIMEX® INSTRUCTIONS

### SPECIAL EXTENDED WARRANTY OFFER

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#### 5 YEARS FOR 5 DOLLARS

For \$5, Timex will extend the enclosed one year limited manufacturer's warranty for an additional 4 years from date of purchase. This 5 year warranty covers repairs on your watch under the same terms and conditions as set forth in the manufacturer's warranty in this booklet.

Payment can be made with AMEX, Discover, Visa or MasterCard by calling 1-800-448-4639 during normal working hours or you can mail a check to: **Timex Extended Warranty, P.O. Box 1676, Dept. EF, Little Rock, AR 72203.**

We will need your name, address, telephone number, date watch purchased and 5-digit watch model number.

Payment must be made within 30 days after date of purchase.

Please read this booklet carefully to familiarize yourself with the operation and care of your TIMEX watch and with the Limited Warranty.

## SECTION 1 – INDIGLO® NIGHT-LIGHT

Some Timex watches feature the INDIGLO night-light. These watches contain a patented electroluminescent technology (U.S. Patent Numbers 4,527,096 and 4,775,964). The INDIGLO night-light illuminates the entire watch face with a uniform bright light offering superior readability at night and in all low light conditions. Simply press the appropriate button to activate the light (button location may vary).

INDIGLO is a registered trademark of Indiglo Corporation in the U.S. and other countries.

Watch with Separate INDIGLO night-light Push Button



Watch with Combined Crown/ INDIGLO night-light Push Button



## SECTION 2 – WATER-RESISTANCE

If your watch is water-resistant, it will be indicated (  ) on the watch face or on the caseback.

- **30 Meter Water-Resistant** watch withstands water pressure to 60 p.s.i.a. (equals immersion to 98 feet or 30 meters below sea level).
- **50 Meter Water-Resistant** watch withstands water pressure to 86 p.s.i.a. (equals immersion to 164 feet or 50 meters below sea level).
- **100 Meter Water-Resistant** watch withstands water pressure to 160 p.s.i.a. (equals immersion to 328 feet or 100 meters below sea level).

**WARNING: TO MAINTAIN WATER-RESISTANCE, DO NOT PRESS ANY BUTTONS OR PULL OUT THE CROWN UNDER WATER UNLESS YOUR WATCH IS INDICATED AS 200 METER WATER-RESISTANT.**

### NOTES:

1. The watch is water-resistant only as long as crystal, crown and case remain intact.
2. Even though the watch may be water-resistant to a significant depth (100 or 200 meters), it is not a diver watch and should not be used for diving.
3. **CROWN MUST BE SCREWED INTO THE CASE PROTRUSION TO ASSURE WATER-RESISTANCE** (see Section 11).
4. Timex strongly recommends rinsing your watch with fresh water after exposure to salt water.

## SECTION 3 – HOW TO START YOUR WATCH

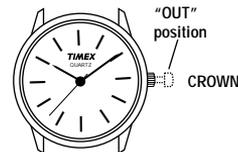
To start your watch, remove the plastic guard from under the crown. Then push the crown in as far as it will go against the case and release. If your watch has a second hand, it should now advance in one-second intervals.

## SECTION 4 – HOW TO SET THE TIME

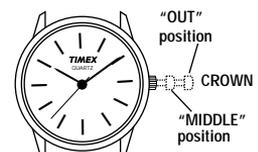
Before setting the time, if your watch has a day of the week and date, first set the day (see Section 5) then the date (see Section 6). Before setting the time, if your watch has a date only, set the date first (see Section 6).

Timex watches either have a 2-position or 3-position setting crown as illustrated below.

2-POSITION CROWN



3-POSITION CROWN



## To Set the Time:

1. Pull the crown to the "OUT" position.

**NOTE:** If the crown does not pull straight out, your watch is equipped with a screw-in setting crown. Refer to Section 11 before proceeding further.

2. Rotate the crown clockwise or counterclockwise to the desired time.
3. Push the crown back in to restart the watch.

**NOTE:** To synchronize your watch with an external time reference signal such as a clock or another watch, follow these steps:

1. When the second hand is precisely at 12 o'clock, pull the crown to the "OUT" position. This will stop the second hand.
2. Set the watch one minute past the indicated time of the external time reference.
3. When the time of the external time reference signal and the time set on the watch coincide exactly (hours, minutes, seconds), push the crown back in to restart your watch.

## SECTION 5 – HOW TO SET THE DAY OF THE WEEK

There are two types of Day/Date watches. The day is set either in the "MIDDLE" crown position or in the "OUT" position. To determine which version you have, pull the crown to the "MIDDLE" position and slowly rotate the crown **CLOCKWISE**.



If the day changes, continue to rotate the crown until you reach the desired day. Then follow the instructions in Section 6 for setting the date.

If the day does not change when the crown is rotated in the "MIDDLE" position, pull the crown to the "OUT" position and proceed to slowly rotate the crown **CLOCKWISE** or **COUNTERCLOCKWISE** through the necessary number of 24-hour periods to advance to the desired day. Then follow the instructions in Section 6 for setting the date.



## SECTION 6 – HOW TO SET THE DATE

There are two types of Date watches. Identify the type you have from the illustrations below, then follow the appropriate instructions for setting.



### SETTING THE DATE ON TYPE A

There are two versions on the date setting of a Type A watch. In both versions, the crown is first pulled out to the "MIDDLE" position.



In one version, the crown is rotated **COUNTERCLOCKWISE** only; in the other version, the crown is rotated **CLOCKWISE**. Stop when the desired date appears.

### SETTING THE DATE ON TYPE B

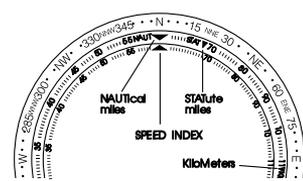
Pull the crown to the "OUT" position and rotate the hands **CLOCKWISE** through 24 hours until the desired date appears in the window. For a quicker way to set the date, rotate the crown **CLOCKWISE** until the date changes (approximately 1:00 am). Then rotate the crown **COUNTERCLOCKWISE** back to 7:30 pm, then **CLOCKWISE** to 1:00 am. Repeat above procedures until the desired date appears in the window.



Once set, the date will have to be advanced in this manner on five occasions during the year (the five months that have fewer than 31 days).

## SECTION 7 – USING THE SLIDE RULE BEZEL

If your watch is equipped with a movable ring around the watch face (as shown), it acts as a slide rule and makes it easy for you to calculate speed, time, distance, and fuel consumption, as well as doing simple multiplication and division, and converting among nautical miles, statute miles and kilometers!



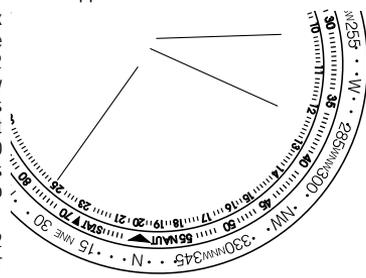
A slide rule operates based on the relationship between two scales: in this case, the numbers on the movable ring and the numbers and markers on the fixed ring inside it. Note that the numbers on the two rings, 10 through 90, are not the same distance apart. Note also that the inner ring has, besides the numbers, a large arrow or triangle called the SPEED INDEX, and the outer ring has three markers that help with the calculations: arrows labeled NAUT. and STAT. at the top of the watch face, and an arrow labeled KM at the right of the face.

**Compass Directions:** The outer bezel is rotated in a counterclockwise direction. This outer bezel includes two rings of markings, including one that can serve as a compass. By orienting the watch so that the N points north, you can determine any desired direction, including a heading measured in degrees.

**Multiplication:** The number on the outer ring placed opposite 10 on the inner ring, multiplied by any number on the inner ring equals the adjacent number on the outer ring.

**EXAMPLES:**

- To multiply  $30 \times 12$ : Place 30 on the outer ring next to 10 on the inner ring. Opposite 12 on the inner ring is 36 on the outer ring (multiply by the inner ring 10 which equals 360).
- To multiply  $30 \times 25$ : Opposite 25 on the inner ring is 75 (multiply this by inner ring 10 which equals 750).
- The same outer ring position is used to calculate:  $3 \times 12 = 36$ . The 30 opposite 10 is divided by 10 to become 3, which cancels the multiplication by 10 of the 36 opposite 12.
- To calculate  $30 \times 120 = 3600$ : The number opposite 12 (36) is multiplied by 10 since 30 was opposite 10, then it is multiplied by 10 again since 12 was multiplied by 10 to arrive at 120.
- To calculate  $300 \times 12 = 3600$ : The number opposite 12 (36) is multiplied by 10 since 30 was opposite 10, then it is multiplied by 10 again since 30 was multiplied by 10 to arrive at 300.



**Division:** Line up the number you want divided on the outside ring with the number you want it divided by on the inner ring. The answer is then the number on the outer ring opposite 10 on the inner ring divided by 10.

**EXAMPLES:** Leaving the ring in place with 30 opposite 10:

- 36 on the outer ring, divided by 12 on the inner ring, equals 3 (the 30 that is on the outer ring opposite 10 on the inner ring, divided by that 10).
- 75 divided by 25, 750 divided by 250 and 48 divided by 16 – all equal 3 (the 30 that is on the outer ring opposite 10 on the inner ring, divided by that 10).

**NOTE:** Calculations are approximate, and you may prefer to adjust the number of zeros in the answer by making a common-sense estimate instead of working through the mathematical reasoning.

**Conversion Among Statute Miles, Nautical Miles, and Kilometers:**

Set any of the three pointers on the outer ring – STAT, NAUT, or KM – to the number on the inner ring that you wish to convert. The two corresponding values will be opposite the other two pointers.

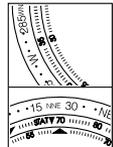
**EXAMPLE:** Set 40 on the inner ring opposite the NAUT arrow on the outer ring. By reading the numbers opposite the STAT and KM arrows, you will see 45.3 miles and 70.7 KM.



**Time, Speed and Distance Calculations (Tachymeter):**

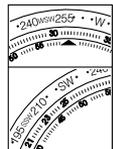
The number on the outer ring opposite the SPEED INDEX will be the speed, and any other pair of numbers on the inner and outer rings will be the corresponding time in minutes (on the inner ring) and distance (on the outer ring). You can use statute or nautical miles for distance and speed, as long as you use the same units for both.

**EXAMPLE:** If you set 75 (mph) on the outer ring opposite the SPEED INDEX triangle on the inner, you can determine that in 20 minutes (inner ring) you can travel 25 miles (outer ring); or that by finding 20 miles on the outer ring, you can see that it will take you 16 minutes (inner ring) to go that far. If you move the outer ring so that 35 is opposite 30 on the inner ring, you can determine your speed if you travelled 35 miles in 30 minutes. Looking on the outer ring above the SPEED INDEX, you find the answer is 70 MPH (or 70 knots if you consider the 35 miles to be in nautical miles).



**Mileage and Fuel Consumption Calculations:** The number on the outer ring opposite the SPEED INDEX is your consumption in gallons per hour. Any other pair of numbers will correspond, minutes on the inner scale and gallons on the outer. (You can calculate liters instead of gallons as long as you match liters with liters-per-hour).

**EXAMPLE:** How much fuel do you need to fly 7 hours and 30 minutes, if you know your fuel consumption rate is 320 gallons per hour. Set the SPEED INDEX to 32 (320 gallons per hour). Find 45 (450 minutes, or 7 hours 30 minutes) on the inner scale. The number opposite is the answer: 24, or 2400 gallons. What is your consumption rate if you used 150 gallons in 50 minutes of flight time? Set 15 (150 gallons) on the outer scale opposite 50 (minutes) on the inner. Opposite the SPEED INDEX is the answer; 18 or 180 gallons per hour.



**SECTION 8 – ELAPSED TIME RING**

If your watch is equipped with a rotatable outer dial with numbers and indicators, this Elapsed Time Ring may be used to indicate the length of time remaining for an activity or the starting time of an activity.

**Time Remaining** – Set the outer ring so that the triangle is pointing to the time the activity is to end.

**Starting Time** – Set the triangle on the time the activity is to begin.

## SECTION 9 – HOW TO USE THE COMPASS

If your watch is equipped with a compass, it gives an approximate directional reading in 10° intervals. For a more accurate reading, place the compass on a level surface.

**TO REMOVE THE COMPASS** – Remove the watch from your wrist, push against the front of the compass and it will pop out of the strap.

**TO REINSERT THE COMPASS** – Place the compass under the opening and push in.

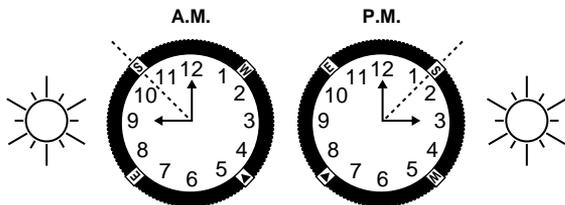
## SECTION 10 – HOW TO USE THE COMPASS DIRECTIONAL RING

If your watch is equipped with a compass directional ring, it gives approximate compass readings. Locate the sun and then follow these steps:

1. Point the hour hand at the sun (see diagram).
2. **WHEN IN A.M. TIME** - Rotate the compass directional ring until S (South) is past the hour hand and halfway between the hour hand and 12:00.

**WHEN IN P.M. TIME** - Rotate the compass directional ring until S (South) is before the hour hand and halfway between the hour hand and 12:00.

Adjust the compass directional ring every hour to reflect changes in the sun's position. When reading the compass directional ring, make sure the hour hand is always pointed towards the sun. When the hour hand is at 12:00 noon, S (South) should also be at 12:00.



## SECTION 11 – SCREW-IN SETTING CROWN

If your watch has this type of crown, turn it counterclockwise to loosen then proceed to Section 4 to set the time. To start timekeeping, simultaneously push the crown in while turning clockwise to tighten. Timekeeping will resume.

## SECTION 12 – BRACELET ADJUSTMENT

Review the various adjustable bracelet types below to determine which one is on your watch.

**NOTE:** The clasp can be damaged if excessive force is used.

### SLIDING CLASP BRACELET

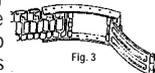
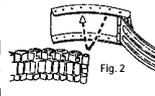
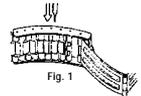
1. Open locking plate using nail file, small screwdriver or other blunt instrument.
2. Move clasp to desired bracelet length.
3. While holding the locking plate with your finger and thumb, exert slight pressure and slide the clasp back and forth until you feel the clasp engage in one of the grooves on the underside of the bracelet.
4. Firmly press the locking plate down until it snaps to the closed position. If it seems to be difficult to push closed, repeat Step 3 to ensure that you have properly positioned the clasp.



### FOLDOVER CLASP BRACELET

You can adjust the bracelet size by moving the position of the bracelet within the foldover clasp as shown. (Illustration shows bracelet in upright position.) **NOTE:** The bracelet on your watch may be in a different position on the clasp than is shown in the illustration.

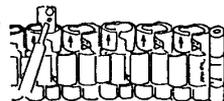
1. Locate pushpin in the openings on the clasp. Using a pointed tool, press the spring bar in and gently twist bracelet for removal (Fig. 1). Keep your hand over the pushpin and use caution when twisting the bracelet. The pushpin is spring loaded and may eject from the opening.
2. Insert pushpin in the bracelet endpiece and determine the desired position (Fig. 2). Insert one end of the pin securely in the pushpin opening and depress the spring tip of the pushpin. Move the pin to fit into the top opening of the clasp opposite the opening in which the pin is positioned on the clasp bottom (Fig. 3).



### BRACELET LINK REMOVAL INSTRUCTIONS

**NOTE:** Prior to removing any bracelet links, first determine if your watch can be sized using the "FOLDOVER CLASP" instructions above. If not, then follow the instructions below.

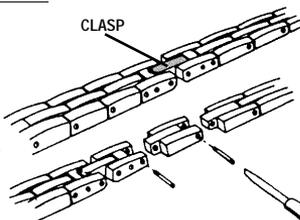
**Removing Links:** Place the bracelet upright and insert a pointed tool in open space of bracelet (see diagram). Slide bracelet pin in the direction of the arrow. Push hard since pins are designed to be difficult to remove. Repeat this procedure until desired number of links are removed.



**Reassembly:** Position the two bracelet parts back together, and push pin in from end it was removed, in opposite direction of the arrow. Be sure to press the bracelet pin down securely all the way into the link of the bracelet until it is flush with the rest of the bracelet.

## BLOCK TYPE (SOLID LINK) BRACELET

1. Several of the links closest to the clasp are connected with screws. Using a very small screwdriver, remove the screws by turning them counterclockwise. Remove screws until desired number of links are removed.



2. Position the bracelet parts back together and insert a screw in the end of the opening from where it was removed. Rotate the screw clockwise until it is tight and flush with the bracelet or recessed into the opening.

## SECTION 13 – BATTERY REPLACEMENT

One or two batteries provide the power to operate your Timex watch. **TIMEX STRONGLY RECOMMENDS TAKING THE WATCH TO YOUR LOCAL RETAILER OR JEWELER TO HAVE THE BATTERY REPLACED.** The battery type required for your watch is indicated on the caseback.

**CAUTION: DO NOT DISPOSE OF OLD BATTERY IN FIRE OR ATTEMPT TO RECHARGE. KEEP LOOSE BATTERIES AWAY FROM CHILDREN.**

When installed at the factory, the battery life in this Timex watch is estimated to last approximately 3 years. This estimate is based on the light being used once per day for one second. Battery life may vary depending on your actual usage experience.

## SECTION 14 – SERVICE

If your TIMEX watch should ever need servicing, send it to Timex addressed as follows:

**HOTLINE WATCH SERVICE**  
**P.O. Box 2740**  
**Little Rock, AR 72203**

For service questions, call 1-800-448-4639.

For your convenience in obtaining factory service, participating Timex Retailers can provide you with a pre-addressed Watch Repair Mailer.

See the Limited Warranty for specific instructions on the care and service of your Timex watch.

Should you need a replacement strap or band, call 1-800-448-4639.

## LIMITED WARRANTY

**The Basic Coverage:** This TIMEX Quartz Analog watch (but not any battery, crystal, band or strap) is warranted to the owner for a period of **ONE YEAR** from the date of purchase against defects in manufacture by Timex Corporation - not by the dealer from whom the watch was purchased.

**What Timex Will Do:** If this watch develops such a defect within the one year period, it will be repaired (i.e., a new or thoroughly reconditioned and inspected movement will be installed) or replaced (a watch of equal value and similar appearance will be supplied) at our option, provided it is returned with a \$5.00 check or money order to cover costs of postage, handling and service, and you provide proof of purchase and date of purchase.

**This Limited Warranty Does Not Cover:**

- 1) Timex will not repair defects related to servicing not performed by Timex Corporation.
- 2) Timex will not provide any warranty service if your watch shows evidence that it has been tampered with, misused, abused, or altered; for example:
  - moisture damage sufficient to affect the proper function of the watch;
  - damage to the case; or
  - visible cracking of the crystal.
- 3) Timex reserves the right to charge you for a replacement battery, if the battery in your watch is depleted. No additional charge will be made unless the one year warranty period has expired or servicing is necessary for reasons beyond our control, in which case a moderate charge will be made.
- 4) TIMEX IS NOT LIABLE FOR INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental, special or consequential damages, so the above exclusion or limitation may not apply to you.

**Your Rights Under Implied Warranties and State Law:** THIS LIMITED WARRANTY IS IN LIEU OF ALL OTHER EXPRESSED WARRANTIES, OBLIGATIONS OR LIABILITIES. TIMEX LIMITS THE DURATION OF ANY WARRANTY IMPLIED BY STATE LAW, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, TO ONE YEAR FROM THE DATE OF ORIGINAL PURCHASE. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

**Care of Your Watch:**

- Avoid exposing your watch to water, steam, or other forms of moisture if it is non-water-resistant.
- If the crystal becomes damaged, have it replaced at once to avoid damage to the movement.
- When your battery is depleted, have it replaced promptly. The particular type of battery required is indicated on your caseback. You can get them from your local Timex retailer.

**Service of Your Watch:**

If your TIMEX watch should ever need servicing, send it to Timex addressed as follows: **HOTLINE WATCH SERVICE, P.O. Box 2740, Little Rock, AR 72203**

Because of possible loss, we recommend insuring your watch, return receipt requested, when using the mails. If you do not obtain a receipt within a reasonable time, start a tracer through the originating post office. NEVER INCLUDE A SPECIAL WATCHBAND OR ANY OTHER ARTICLE OF PERSONAL VALUE IN YOUR SHIPMENT. PLEASE NOTE THAT WE MAY SUBSTITUTE A WATCH OF EQUAL VALUE AND SIMILAR APPEARANCE FOR YOURS ON BOTH IN-WARRANTY AND OUT-OF-WARRANTY REPAIRS.

For your convenience in obtaining factory service, participating Timex retailers will be pleased to provide you with a postage-paid, pre-addressed Watch Repair Mailer.

TIMEX is a trademark and a service mark of Timex Corporation.

REG. U.S. PAT. & TM. OFF.